

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 44 (10/25/2020- 10/31/2020)

COCONINO COUNTY
November 6, 2020



Situation Summary

MMWR Week 44 (10/25/2020-10/31/2020)

A total of 5,385 confirmed COVID-19 cases have been reported among Coconino County residents through week 44.

Deaths: 142 (3% of cases)

Probable Deaths: 5

Recovered Cases: 4,126

(77% of cases)

Hospitalizations: 689

(13% of cases)

Cases Reported Week 44 (October 25 - October 31, 2020):

288
Confirmed
Cases

2,929
Negative
Cases

200.7
Rate per
100,000

6.4%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 200.7 per 100,000**, **percent positivity of 6.4%***, and **COVID-19-Like-Illness incidence (CLI) of 2.7%****.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 44 (CLI data from week 43 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations**

Cumulative Counts (March 15, 2020- October 31, 2020):

5,385
Confirmed
Cases

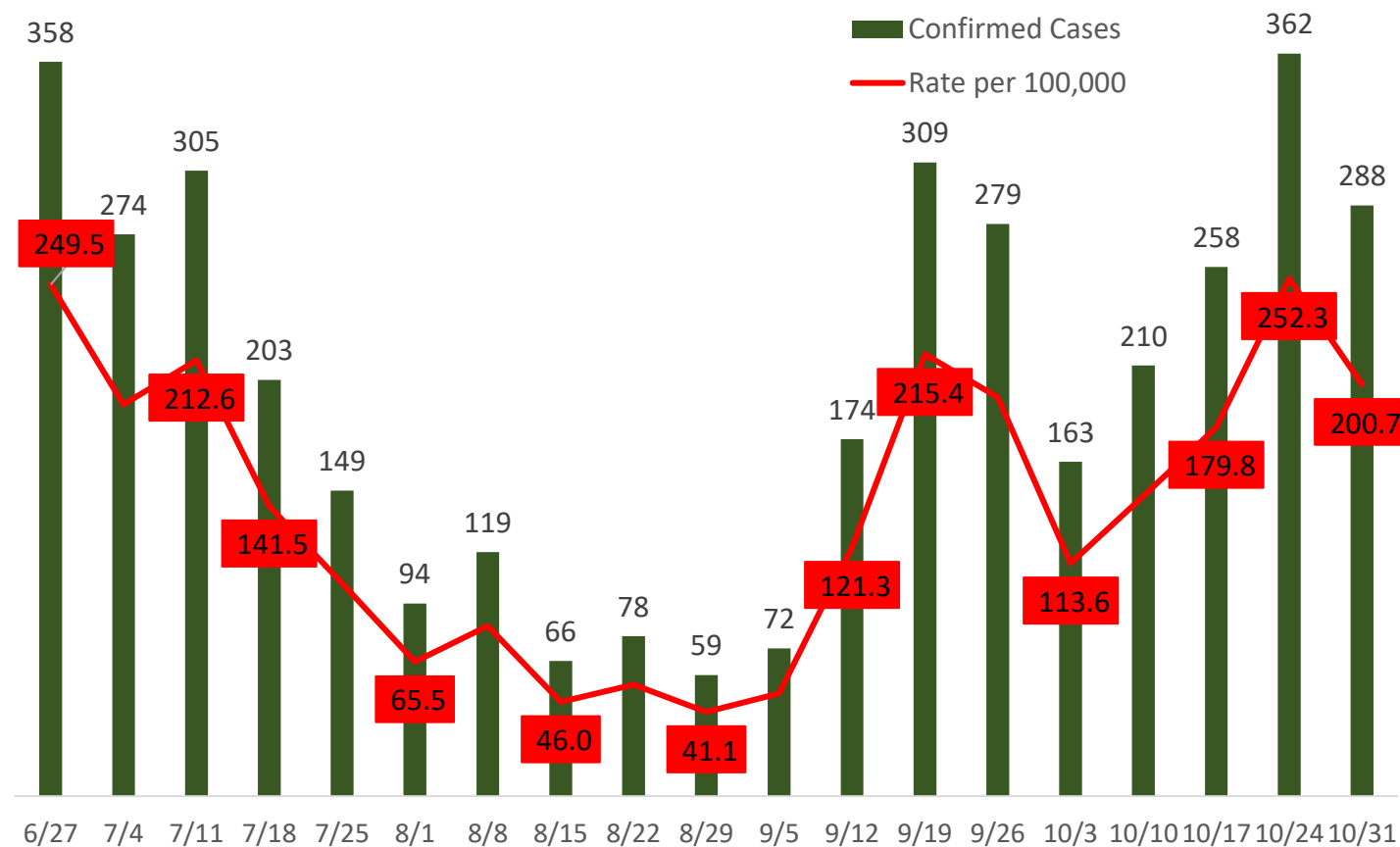
51,688
Negative
Tests

57,073
Total Tests
Resulted

9.4%
Positivity
Yield

3,753.2 cases per 100,000 Coconino County Residents
vs.
3,486.3 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	1,043	8,686	7.8%	21,481.9	2,579.5
20-44 years	2,739	27,475	7.5%	51,221.1	5,106.3
45-54 years	631	7,041	7.7%	49,427.9	4,429.6
55-64 years	515	6,906	6.4%	41,675.2	3,107.8
65+ years	457	6,964	5.2%	37,469.1	2,458.8

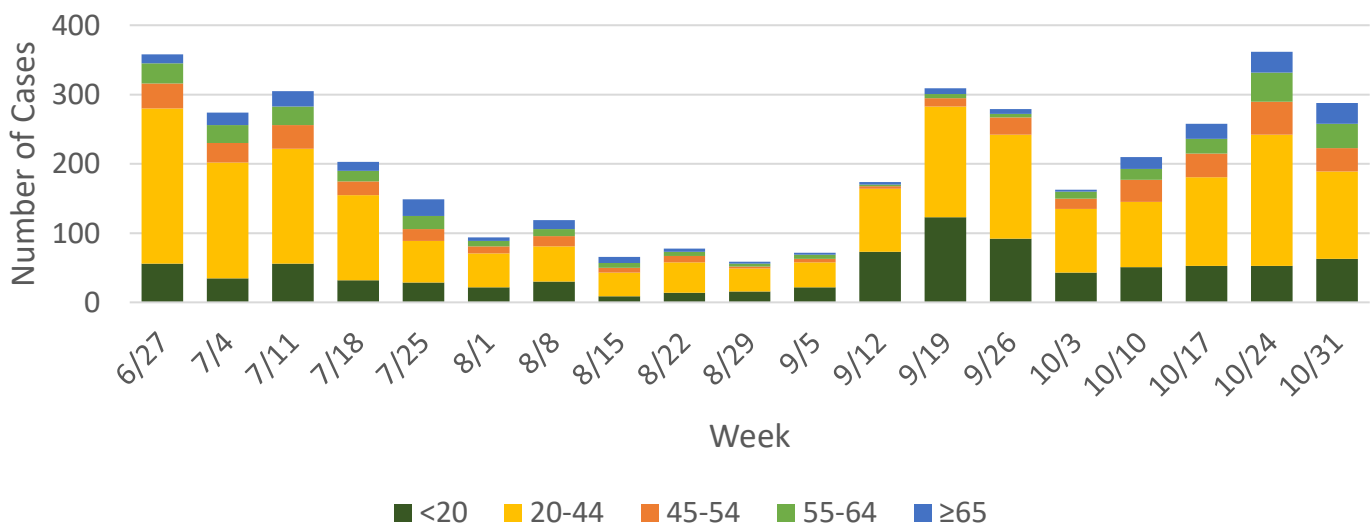
The median age of Coconino County COVID-19 cases is 29 years old



Key Take Away

- The highest **case incidence** for week 44 was observed among residents aged 45-54 and 20-44 with an incidence of 238.7 and 234.9 per 100,000, respectively.
- The highest **positivity yield** for week 44 was observed among residents aged 55-64, with a positivity yield of 8.4%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 37% higher than that of 65+ years).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-10/31/20

Location:

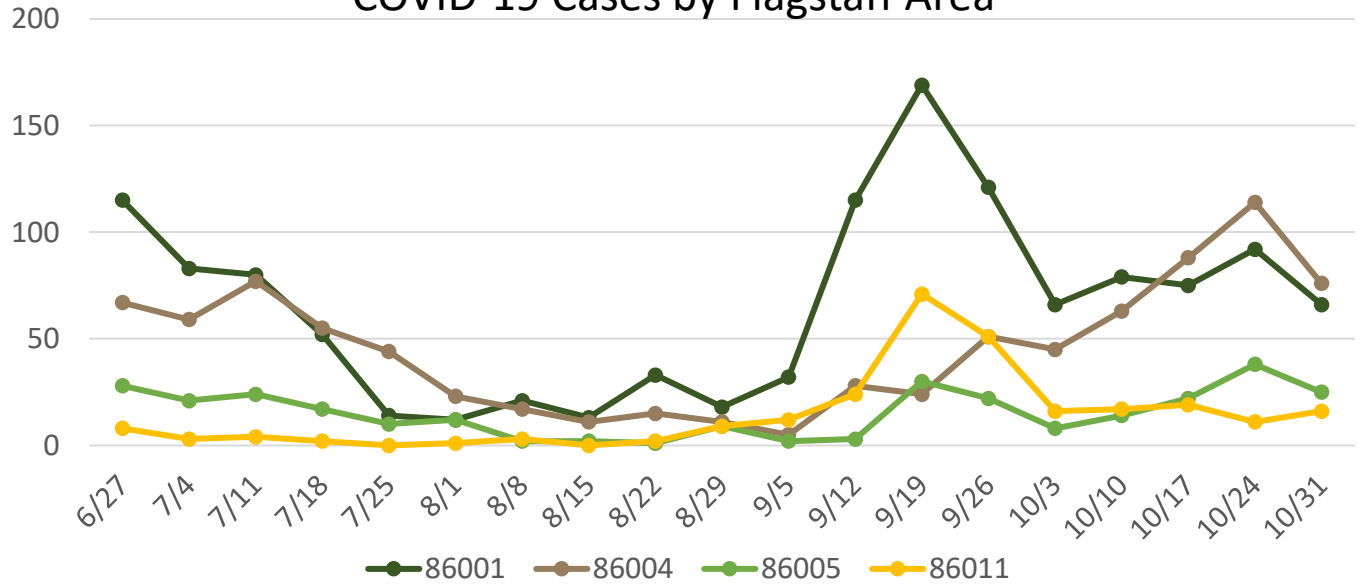
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	3,222	39,079	5.7%	41,996.5	3,462.5
Page	341	3,021	12.7%	40,029.2	4,518.4
Tribal Communities	1,543	8,454	11.5%	33,159.4	6,052.2
Williams	102	1,402	5.1%	26,623.6	1,937.0
Grand Canyon	65	672	8.0%	27,042.3	2,615.7
Other Areas	112	1,474	3.1%	15,306.3	1,163.0



Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86011 with a 31% increase.
- The highest **increase of cases** in Other Areas from the previous week was observed in Page with an 8% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

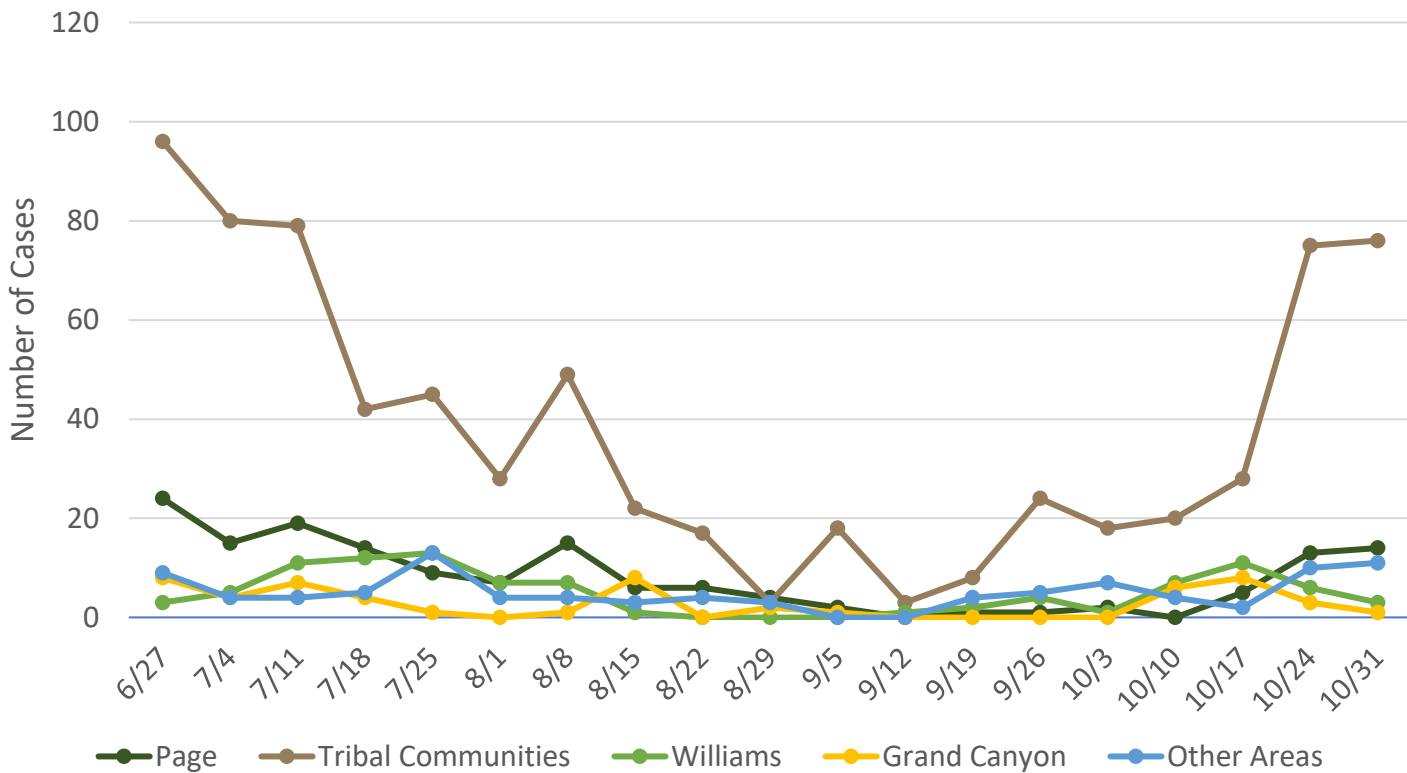
COVID-19 Cases by Flagstaff Area



*Cases reported from 3/15/20-10/31/20

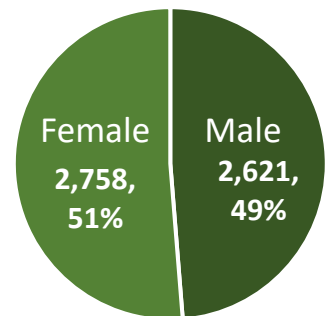
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	2,758	30,282	6.7%	3,807.3
Male	2,621	25,879	7.2%	3,689.7

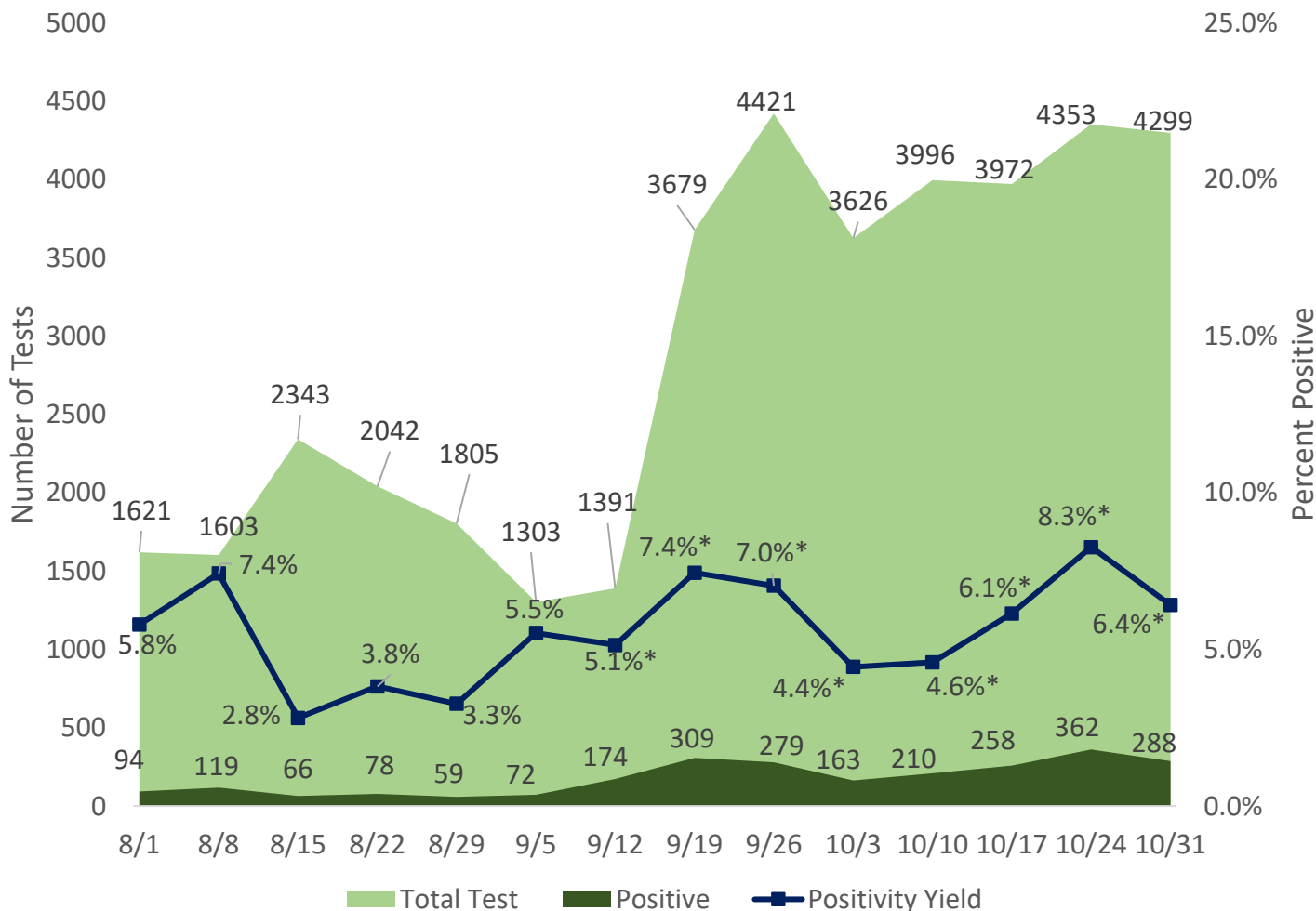


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 17% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **51,512** specimens.

Fort Tuthill: 24,665 CCHHS: 1,308 CCC: 212 NAU: 23,658

Fredonia: 41 Grand Canyon: 209 Williams: 547 Other: 872

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 2,992**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 189 (As of 10/31/2020)**
- **Total individuals monitored to date: 3,024**

*Cases reported from 3/15/20-10/31/20

Hospitalizations

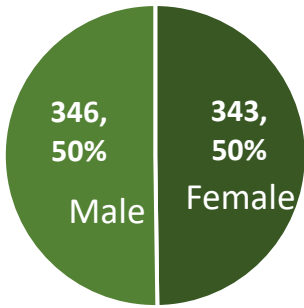
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of Cases
13%

Hospitalized
689

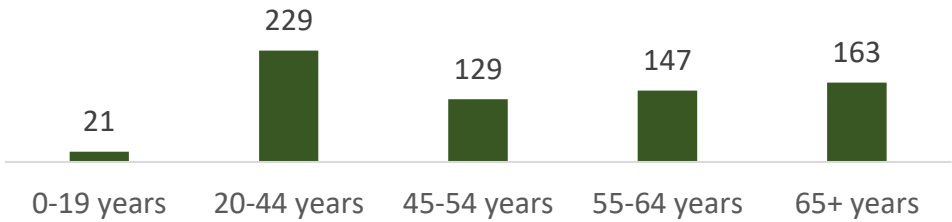
Hospitalizations Per 100,000
480.22

Sex

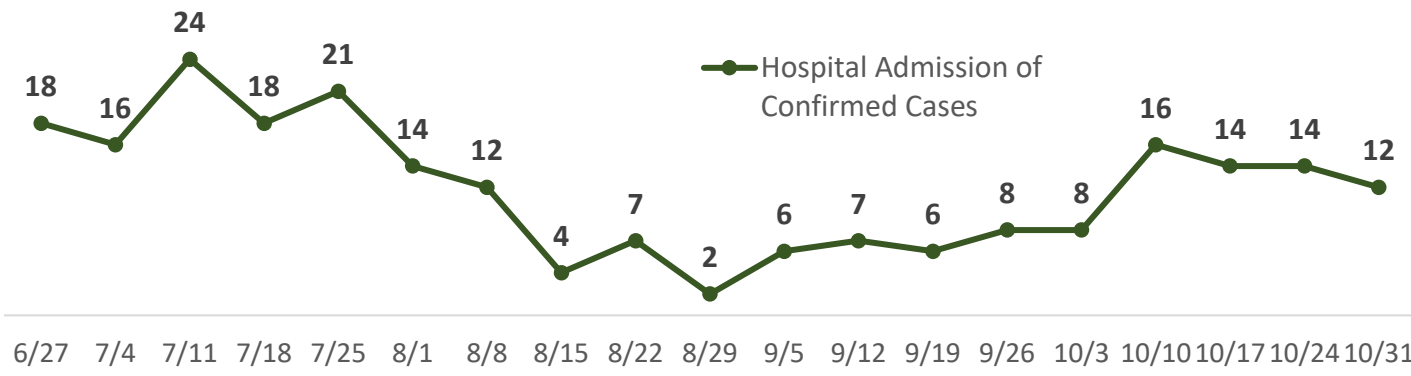


21% of hospitalized residents were in the ICU and 10% were intubated.

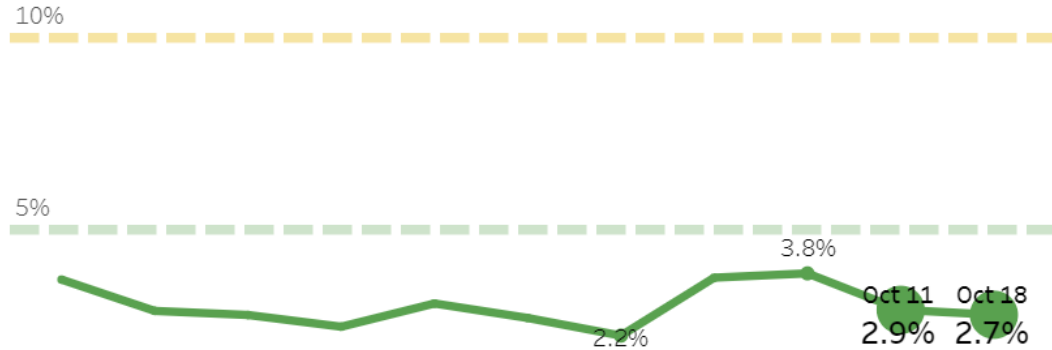
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



COVID-19 Situation Summary*

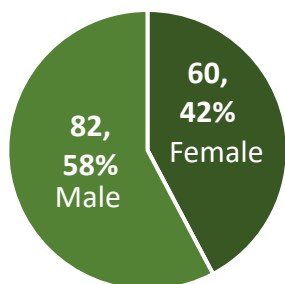
COVID-19 Related Deaths:

Percentage of
Cases
3%

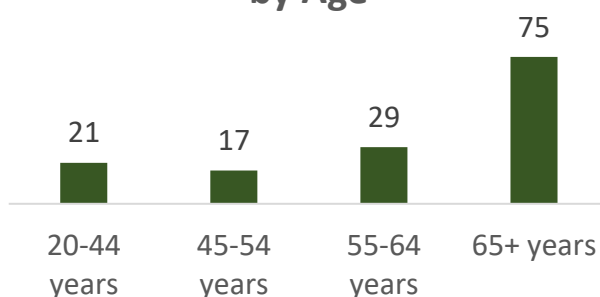
Deaths
142

Fatalities
Per 100,000
96.4

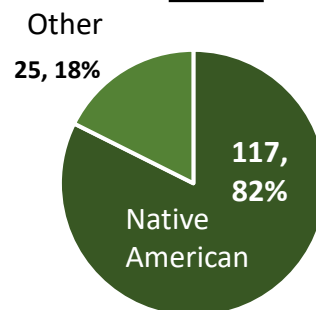
Sex



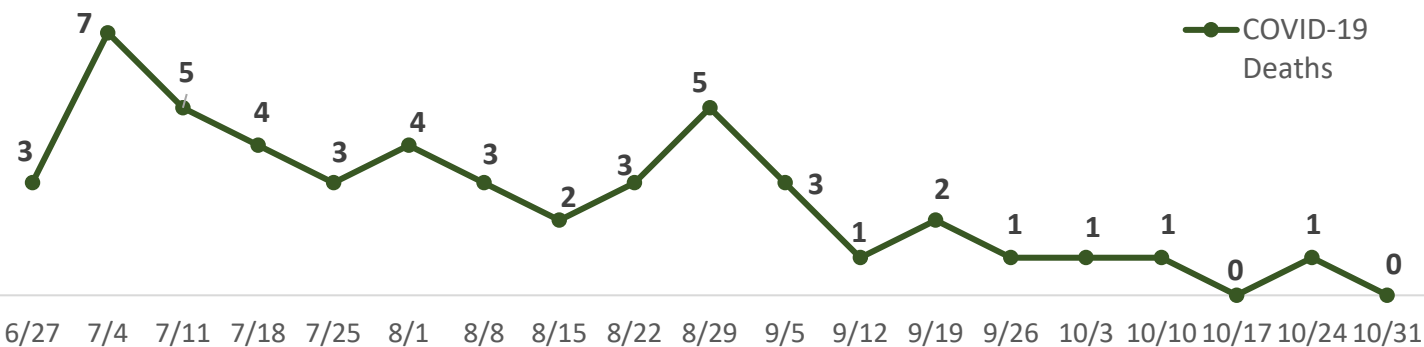
Coconino COVID-19 Deaths by Age



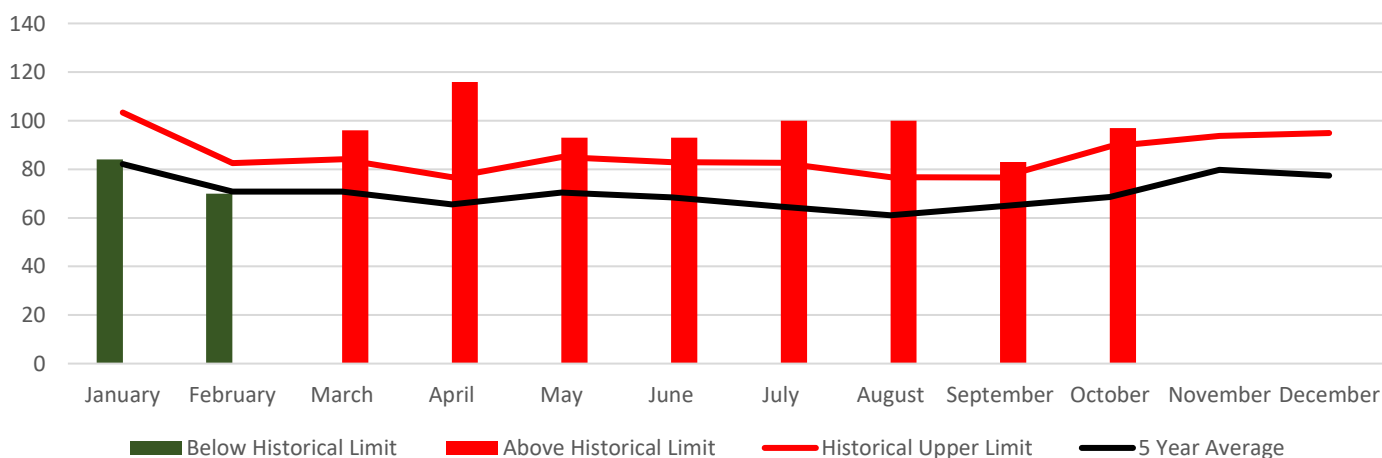
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-10/31/20